

August 3, 2000

TIP Project: R-2911E
County: Rowan
Description: US 70 widening from 0.626 km west of SR 1953 (Kepley Road) to US 601 in Salisbury

MEMORANDUM

TO: Claudette Roque, P.E., Engineering Coord. Squad Leader
Design Services Unit

FROM: Pamela L. Alexander, Plan Review Engineer
Congestion Management Section

SUBJECT: Review of Capacity Analysis for R-2911E

As requested, the Plan Review Squad of the Traffic Engineering and Safety Systems Branch has completed a review of the capacity analysis submitted by Dewberry & Davis, a private engineering firm (PEF). Based on our review, we have the following comments.

The PEF used a Peak Hour Factor (PHF) of 0.95. For most analyses, we recommend using a Peak Hour Factor (PHF) of 0.90 unless sufficient information is given to support a different value.

The PEF recommended three intersections be considered for traffic signals: Hurley School Road, Enon Church Road/Epperson Road and Ashbrook Road/Majolica Road. By copy of this memorandum, I am requesting the Area Traffic Engineer, W. B. Staley, II, P.E., investigate the need to install traffic signals under this project and am enclosing a copy of the PEF's analysis for his information.

If additional information is required, please contact (Plan Review Project Engineer) or me at 250-4151.

PLA/

cc: S. P. Ivey, P.E. (Attention: D. W. Spainhour, P.E., J. M. Davenport, Jr.)
[T. A. Peoples, P.E.]
W. B. Staley, II, P.E., Attachment
T. M. Hopkins, P.E. (Attention: J. H. Dunlop, P.E., G. C. Faulkner)
J. S. Bourne, P.E.
[R. W. King, P.E.]
[A. R. Lorscheider, P.E.]